

ABSTRACT

A multi-function wireless communications device includes a personal telecommunications device in combination with a high frequency remote control device. The multi-function wireless communications device may include both remote control and wireless telecommunications functionality. A remote control circuit includes high frequency signal processing and remote control transmitter and receiver circuitry for providing a high frequency communication link between the multi-function wireless communications device and an appliance transceiver for communication with one or more appliances. A telecommunications circuit includes telecommunications signal processing and transmitter and receiver circuitry for providing a radio link between the multi-function wireless communications device and a telecommunications system.